Application Serial No. 10/808,726 Inventor: Rowe et al. Attorney Docket No. ZP587/06048

## AMENDMENTS TO THE CLAIMS

We claim:

1-58 (Canceled)

- 59. (Original) A method of three dimensional printing an article, comprising dispensing through a printhead a liquid composition comprising a halogenated hydrocarbon solvent, a cosolvent that is miscible with the halogenated hydrocarbon solvent, and a conductivity enhancing substance that is soluble in at least one of the halogenated hydrocarbon solvent and the cosolvent.
  - 60. (Original) The method of claim 59 wherein the printhead comprises means for imparting electric charge to droplets of the liquid.
  - 61. (Original) The method of claim 59 wherein the printhead is a continuous jet with deflection printhead.
  - 62. (Original) The method of claim 59 wherein the printhead produces droplets by means other than a continuous jet.
  - 63. (Original) The method of claim 59, further comprising, after the dispensing, heating the article to a sufficient temperature for a sufficient time to promote evaporation of at least some of the liquid composition.
  - 64. (Original) The method of claim 63 wherein the evaporation includes evaporation of the conductivity enhancing substance.
  - 65. (Original) The method of claim 63 wherein the heating is performed after deposition of the liquid composition on an individual powder layer.
  - 66. (Original) The method of claim 63 wherein the heating is performed after completion of three-dimensional printing.
  - 67. (Original) The method of claim 59, further comprising, after the dispensing, heating the article to a sufficient temperature for a sufficient time to cause decomposition of at least some of the liquid composition.
  - 68. (Original) The method of claim 67 wherein the decomposition includes decomposition of the conductivity enhancing substance.
  - 69. (Original) The method of claim 59, further comprising exposing the article to a sub-ambient pressure for a time sufficient to promote evaporation of at least some of the liquid composition.
  - 70. (Original) The method of claim 69 wherein the evaporation includes evaporation of the conductivity enhancing substance.

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- 71. (Original) The method of claim 69, further comprising heating the article.
- 72. (Original) The method of claim 59, further comprising exposing the article to a flow of gas which is substantially free of the vapor of the liquid composition, for a time sufficient to promote evaporation of at least some of the liquid composition.
- 73. (Original) The method of clam 72 wherein the evaporation includes evaporation of the conductivity enhancing substance.
  - 74. (Original) The method of claim 72, further comprising heating the article.
- 75. (Original) The method of claim 59, further comprising exposing the article to a supercritical fluid or a pressurized liquid of a substance that is gaseous at room temperature, under conditions suitable to remove at least one component of the liquid composition.
- 76. (Original) The method of claim 75 wherein the supercritical fluid or pressurized liquid is carbon dioxide.
- 77. (Original) The method of claim 75 wherein the supercritical fluid or pressurized liquid comprises carbon dioxide and an extraction co-solvent substance.
- 78. (Original) The method of claim 77 wherein the extraction co-solvent substance comprises methanol or acetone.
- 79. (Original) The method of claim 75 wherein the supercritical fluid or pressurized liquid comprises nitrous oxide or sulfur hexafluoride or a hydrocarbon or halogenated hydrocarbon having an atmospheric boiling point below room temperature.
- 80. (Original) The method of claim 59, further comprising exposing the article to water or an alcohol or another organic solvent.
  - 81. (Original) An article manufactured by the method of claim 59.
- 82. (Original) The article of claim 81 wherein the article contains substantially no halogenated hydrocarbon solvent or co-solvent or conductivity enhancing substance.